William Dear Louis 28 Jun 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
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| U.S. APPLICA | | | PCT/FR2004/00 | APPLICATION NO.)3323 | ATTORNEY'S DO 3103-259 | OCKET NUMBER |
|--|--|---------------|---------------|--------------------------|---------------------------|--------------|
| 20. Other items or information: Express Mail Certification, Cover page of International Published Application | | | | | | |
| The fol | lowing fees have b | een submitted | | | CALCULATIONS | PTO USE ONLY |
| 21. 🔯 Bas | ic national fee (37 | \$ 300 | | | | |
| 22. 💢 Exar | mination fee (37 C | FR 1.492(c)) | | | | |
| If the written opin | nion prepared by IS /US indicates all cl | \$ 200 | | | | |
| If the written opin IPEA/US Search fee (37 C Internati International Search previous) | orch fee (37 CFR 1 nion of the ISA/US 5 indicates all clain CFR 1.445(a)(2)) ho oral Searching Au arch Report prepar y communicated to | \$ 400 | | | | |
| | | | | | 900 | |
| TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | |
| Total Sheets | Extra Sheets | | | RATE | | |
| - 100 = | /50 = | | | × \$250 | \$ | 1 |
| Surcharge of \$13 after the date of | 30.00 for furnishing commencement of | \$ 130 | | | | |
| CLAIMS NUMBER FILED | | NUMBER EXTRA | RATE | \$ | | |
| Total claims | | 49 - 20 = | 29 | x \$50 | ^{\$} 1450 | |
| Independent clair | ms | 3 -3= | | × \$200 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + | | | + \$360 | \$ | | |
| | | \$2480 | | | | |
| Applicant cla | ims small entity st | ced by 1/2. | | | | |
| | | | | SUBTOTAL = | \$ | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | | \$ 2480 | |
| | the enclosed assi cover sheet (37 C | \$ | | | | |
| | | \$2480 | | | | |
| | | | | | Amount to be refunded: | \$ |
| | | | | | Amount to be charged | \$ |

JAP20 Rec'd PCT/PTO 22 JUN 2006

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| U.S. APPLICAT | 01/58 | 3802 | PCT/FR2004/00 | PPLICATION NO. 3323 | ATTORNEY'S DO 3103-259 | OCKET NUMBER | |
|---|---|---|---------------|------------------------|---------------------------|--------------|--|
| 20. Other items or information: Express Mail Certification, Cover page of International Published Application | | | | | | | |
| The follo | wing fees have b | een submitted | | | CALCULATIONS | PTO USE ONLY | |
| 21. X Basic national fee (37 CFR 1.492(a)) | | | | | \$ 300 | | |
| 22. 🗓 Exam | 22. X Examination fee (37 CFR 1.492(c)) | | | | | | |
| If the written opiniby IPEA/U | JS indicates all cl | \$ 200 | | | | | |
| 23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400 All other situations | | | | | \$ 400 | | |
| | TOTAL OF 21, 22 | 2 and 23 = | | | 900 | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | |
| Total Sheets | Extra Sheets | heets Number of each additional 50 or fraction thereof (round up to a whole number) | | RATE | | | |
| 100 = | /50 = | /50 = | | x \$250 | \$ | • | |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | | \$ 130 | | |
| CLAIMS | NUMB | ER FILED | NUMBER EXTRA | RATE | \$ | | |
| Total claims | | 49 - ^{20 =} | 29 | x \$50 | ^{\$} 1450 | | |
| Independent claim | ns | 3 -3= | | x \$200 | \$ | | |
| MULTIPLE DEPE | NDENT CLAIM(S | 6) (if applicable) | | + \$360 | \$ | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | \$2480 | | |
| Applicant clai | Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. | | | | | | |
| . SUBTOTAL = | | | | | \$ | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | | | \$ | | |
| TOTAL NATIONAL FEE = | | | | | \$ 2480 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | \$ | | |
| TOTAL FEES ENCLOSED = | | | | | \$2480 | | |
| | | | | | Amount to be refunded: | \$ | |
| | | | | | Amount to be charged | \$ | |

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| b. Pl A c. X Th Ac d. Fe be | check in the amount of \$ to cover the above fees. It is cover the above fees. | | | | |
|-------------------------------|---|--|--|--|--|
| NOTE: Whe | NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | |
| Larry I Coats & 1400 Cr | CORRESPONDENCE TO: L. Coats & Bennett, PLLC rescent Green, Ste. 300 NC 27511 Coats NAME 25,620 REGISTRATION NUMBER | | | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 583802

| In re Application of: Essemiani et al. |) FREE ROOM POWPTO 22 JUN 2006 |
|---|--|
| Serial No.: Unknown |) |
| Filed: |) EXPRESS MAIL CERTIFICATION) LABEL NO.: EV807253425US |
| Title: METHOD AND APPARATUS FOR TREATING WASTEWATER | |
| Attorney's Docket No: 4195-035 | |
| MAIL STOP PCT | Raleigh, North Carolina June 22, 2006 |
| | |

MAIL STOP PCT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

Sir:

EXPRESS MAIL CERTIFICATE LABEL NO.: EV807253425US

DATE MAILED: June 22, 2006

I hereby certify that the enclosed Transmittal Form, Fee Transmittal Form (2 Copies), specification and claims, drawings (1 set of 2 sheets), Preliminary Amendment, Cover page of Publication, Copy of PCT Request, Information Disclosure Statement and related foreign patent documents, and our check number 18224 in the amount of \$2,480.00 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:

Registration No. 25,620

Telephone: (919) 854-1844